

The Fortnightly **REVIEW**

of

THE CHICAGO DENTAL SOCIETY

April 1, 1958

Volume 35 • No. 7

News Items

NOMINATIONS FOR C.D.S. OFFICES ANNOUNCED

Nominations for the various offices of the Chicago Dental Society to serve during 1958-1959 were closed on March 14th. According to Article IX, Section II, of the Constitution and By-Laws, all nominating petitions must be submitted not later than thirty days prior to the annual election. Only one candidate has been nominated for each office, so there will be no contest.

The unopposed candidates are: President-elect, Harold H. Hayes; Vice-president, Paul Kanchier; Secretary, James N. Lynch; Treasurer, Robert Tuck. Their formal election will take place at the regular April meeting. President-elect George W. Teuscher will be advanced automatically to the presidency and will be installed at the May meeting.

PETITION FILED FOR NORTH SIDE OFFICE

In accordance with the Constitution and By-Laws of the North Side Branch of the Chicago Dental Society, requiring that a nomination for office shall require at least twenty-five signatures of members in good standing, the name of Harold H. Sitron is being submitted as a candidate for Director to the Chicago Dental Society from the North Side Branch.

LOUIS ALEXANDER COHN TO SPEAK HERE MAY 7TH

Dr. Louis Alexander Cohn, author, clinician, and postgraduate lecturer at several dental schools, including Tufts, Pennsylvania U., and Columbia U., will speak at a testimonial luncheon to be held in his honor at the Covenant Club of Chicago, on May 7th. The luncheon is being sponsored by the Combined Jewish Appeal. Dr. Cohn will be hailed for his many contributions to dentistry, particularly in the field of prosthetics. He will discuss dental procedures and laboratory techniques related to esthetics in jacket crown and bridgework and give practical suggestions for improvements in this type of work. Those interested in attending may call Dr. Martin Unterman, Chairman of the CJA testimonial luncheon, at Greenleaf 5-3171.

WALTZER ADDRESSES NORTH SUBURBAN BRANCH

Ross E. Waltzer, D.D.S. of Tulsa, Oklahoma, a periodontist of international repute, will speak to the North Suburban Branch at its meeting at the Georgian Hotel in Evanston on the evening of April eighth.

Dr. Waltzer has entitled his presentation "The Truth About Modern Perio-

(Continued on page 29)

**NORTHWESTERN UNIVERSITY DENTAL SCHOOL
ALUMNI ASSOCIATION**

**HOMECOMING
WEDNESDAY, APRIL 23**

•

9:30 a.m. – Registration – 12th floor
Table Clinics (30)

12:00 noon – Complimentary Luncheon – 9th floor

•

3:00 p.m. – Edmund Noyes Memorial Lecture
by Dr. Harold J. Noyes

**Some Clinical Aspects of
Facial Growth**

at

THORNE HALL

Superior St. & Lake Shore Drive

Fluorine—An Aid in Dental Progress

by Judith McElroy, Chicago, Illinois

OUTLINE

- I. Fluoridation
 - A. What it is and does
 - B. History
- II. Studies on fluoridation
 - A. Newburgh-Kingston study
 - B. Study of ninety-eight communities in the U. S.
- III. Fluorine in other substances
 - A. Toothpaste
 - B. Salt
 - C. Milk
- IV. Should we have fluoridation
 - A. Pro
 - B. Con
 - C. Personal viewpoint

[Editor's Note: *The following essay was written by Miss McElroy when she was a senior student in high school and it shows an excellent insight into the fluoridation problem. The paper was presented before the health class of her school. Judith, who is the daughter of Dr. Donald L. McElroy of the University of Illinois School of Dentistry, is to be congratulated for this very worthwhile effort.*]

Funk and Wagnalls define fluorine as "a pale greenish gaseous element belonging to the halogen family; it is similar to chlorine but much more active." To an average person who does not have a slight knowledge of general chemistry this definition would not have much meaning, but fluorine has recently become a great asset to mankind by way of fluoridation.

Fluoridation is the addition of fluorine (in the quantity of one part fluorine to one million parts of water) to the communal water supply which helps to reduce the dental decay rate in children. Fluoridation, also, is one more advance in the fight against the disease of dental caries, or better known as the decay of the teeth. It is known now that fluorine

in the water supply actually reduces the caries disease 60 to 65%¹ and it is also a known fact that the benefits of it are retained throughout the life span of the individual.²

Only two types of fluoridizing have proved effective. One is the method employing the application of sodium fluoride directly to the teeth and the other is the adding of sodium fluoride to the communal water supply.³

Drs. Black and McKay discovered in 1908 that people in certain parts of the United States had hardly any tooth decay even though their teeth were mottled and showed a brown stain. Drs. Black and McKay then investigated further and discovered that the water supply contained an abundance of fluorine and after much research they concluded that the fluorine in the water was responsible for the mottling of the teeth.⁴

The discovery that fluorides in public water supplies caused the mottling of the teeth at first led the men to try to reduce the fluorine content of the water. Research done by Dr. McKay at Oakley, Idaho⁵ and Dr. Dean at Bauxite, Arkansas⁶ definitely proved that low fluoride

¹"Battle for Sound Teeth," *American Journal of Public Health*, 42 (March 1952), p. 338.

²"Fluoridation of Public Water Supplies," *American Journal of Public Health*, 42 (Jan. 1952), p. 44.

³"Battle for Sound Teeth," *American Journal of Public Health*, 42 (Jan. 1952), p. 44.

⁴Herman Hilleboe, "History of the Newburgh-Kingston Study," *Journal of the American Dental Association*, 52 (March 1956), p. 291.

⁵F. S. McKay, "Mottled Enamel," *Journal of the American Dental Association*, 20 (July 1933), p. 1137.

⁶H. T. Dean, F. S. McKay, and E. Elvove, "Mottled Enamel Survey of Bauxite, Ark.," *Public Health Report*, 53 (Sept. 30, 1938), p. 1736.

content in the water supplies stopped the severe types of mottled enamel found in high fluoride areas. Because of this, a discovery showed that moderate amounts of fluorine would not cause the mottling of teeth, and it was suggested that there might be some connection between the drinking water used by the people and the dental decay problem.⁷

In 1937-38 Dr. H. T. Dean conducted a study at Amarillo and Wichita Falls, Texas where he found the correct amount of fluorine to add to the water supplies so there would be no mottling of the teeth but there would still be a marked reduction of dental caries. This correct amount was found to be one part of fluorine to one million parts of water.⁸

Since then studies have been carried on in several different parts of the country testing this supposedly correct amount of fluorine and reports have come in assuring everyone that this is the correct amount to be used for successful fluoridation.

One of these studies was the Newburgh-Kingston Study. In 1942 Dr. David B. Ast suggested that there should be a study of two similar communities one having fluorine added to its water supply in one part fluorine to one million parts water and the other community having fluoride free water to see whether fluorine in the water would help to reduce tooth decay without ill effects to the population. The communities of Newburgh and Kingston, New York were chosen because of their similarities and also because they both used the water from the Hudson River as their supply. Newburgh, New York was then selected to have fluoridation and Kingston, New York was to have free fluoride drinking water. Before the fluorine was introduced to the water in Newburgh extensive medical and dental examinations were given to 817 children in Newburgh and

711 children in Kingston and were from birth to nine years of age.

On May 2, 1945 fluoridation was started in Newburgh and it continued for ten consecutive years keeping the fluorine content at one part fluorine to one million parts water. At the end of the ten years another set of dental and medical examinations were given to the same children as before.⁹

The results are as follows: Dental Examinations—Children aged six to nine years of age in Newburgh had a 58% reduction in decayed, missing and filled teeth over the Kingston children of the same age because they had had fluoridated water all of their lives. Children ten to sixteen years of age in Newburgh who did not have fluoridated water all their lives had a reduction of 52% of decayed, missing and filled teeth over the Kingston children of the same age group. Also six times as many children aged six to nine had all their deciduous cuspids and molars caries free than the children in Kingston. It was also discovered that fluorine ingested water gave more protection to the parts of the teeth where they are easily decayed. They also found no evidence to indicate that fluoridated water contributed to the hazard of gingivitis, and they did not find mottling of the teeth in any of the children from Newburgh. The results of these examinations then show that there is nothing to fear from fluoridation if the fluorine is used in the correct amount of one part fluorine to one million parts of water. The results also show that fluoridated water is a good reducer of tooth decay.¹⁰

Medical Examinations—Each child was given a general medical examination. Height and weight were measured, x-rays were taken of the right hand, both knees and the lumbar spine, and general laboratory examinations were given. The

⁷H. T. Dean, "Endemic Fluorosis and its Relation to Dental Caries," *Public Health Report*, 53 (Aug. 19, 1938) p. 1443.

⁸F. S. McKay, *Journal of the American Dental Association*, p. 1137.

⁹Hilleboe, *Journal of the American Dental Association*, p. 292-3.

¹⁰D. B. Ast, "Newburgh-Kingston Study XIV," *Journal of the American Dental Association*, 52 (March 1956) p. 323-4.

same examinations were given to the same children in Kingston and Newburgh, New York both before fluoridation and after. The results were that no differences of medical significance were found between the two groups thus further evidence was added to the safety of fluoridation.¹¹

Another study on fluoridation was also conducted by Dr. L. F. Menczer on all the communities in the United States which had fluoridated their water supplies by October 15, 1951 of which there were ninety-eight. It seemed that 54% of the ninety-eight communities used sodium fluoride, 43% sodium silico fluoride and 3% hydrofluorosilic acid. None of the communities reported having any difficulty whatsoever in obtaining the chemicals and they were all satisfied with fluoridation. Their dosages of fluorine varied from 0.5 of a part of fluorine to 1.4 parts of fluorine to 1,000,000 parts of water. No mottling of the teeth has been reported so far either. Also, 80% of the communities had no complaints against fluoridation at all and only 20% had isolated complaints. Most of these complaints were imaginative because they were given before the fluorine was even introduced into the water supply. This survey also shows that fluorine in the water supplies will soon become a necessary factor for everyday living.¹²

Another aspect of fluorine and its contribution to dentistry is the insertion of it in different substances such as toothpaste, salt, and milk.

Fluorine in toothpaste is the best known new type of fluoridizing found yet. It was first perfected at the University of Indiana where preliminary results showed a reduction of 50% in tooth decay. They reasoned that if infrequent treatment such as applying fluorine directly to the teeth every couple of months

caused improvement that daily treatment such as brushing the teeth with a fluoride toothpaste would help to a greater extent to reduce tooth decay in the individual.¹³

In a one year trial toothpaste containing fluorine was given to a group of 209 children who used only that type of toothpaste for one year. At the end of the trial they were checked against a control group of 214 children who had used a fluoride free toothpaste for one year. The results showed that the group using the fluoride toothpaste had a 50.6% reduction in tooth decay over the control group and it was proven to be equally effective in different age groups.¹⁴ The University of Indiana says that more study is needed on fluoride toothpastes to prove beyond a doubt whether they will be as effective as the fluoridation of water in reducing tooth decay.¹⁵

The American Dental Association says that the fluoride toothpastes are being marketed prematurely since not enough evidence has been offered by the manufacturers. It is being offered to the public as an effective way to help prevent tooth decay, but it would be a disservice to the dental health of the public if it should make the public believe it is as good as fluoridated water, and then turn out to be not a good substitute at all. Therefore more evidence is needed to prove that fluoride toothpaste could be as good or better than fluoridated water.¹⁶

A discovery by Dr. J. H. Shaw in a clinic in Delhi, India gave the first major evidence that substances containing fluorine other than water aided in the prevention of dental caries. He experimented further and concluded that fluorine in common table salt might serve to reduce decay as much as fluorine does

(Continued on page 31)

¹¹E. R. Schlesinger, "Newburgh-Kingston Study XIII," *Journal of the American Dental Association*, 52 (March 1956) p. 304-6.

¹²L. F. Menczer, "Study of Ninety-Eight Communities Fluoridating Their Communal Water Supply," *American Journal of Public Health*, 44 (Nov. 1952) p. 1414 & 1418.

¹³"Fluoride Toothpaste," *Science Digest*, 37 (May 1955) p. 52.

¹⁴"Fluoride Toothpaste," *Science Digest*, 37 (May 1955) p. 31.

¹⁵"Fluoride Toothpaste," *Science Digest*, 37 (May 1955) p. 52.

¹⁶"Fluoride Dentifrice Sale Premature," *Journal of the American Dental Association*, 52 (March 1956) p. 368.

Attend
**THE 75th ANNIVERSARY
HOMECOMING**

APRIL 14, 15, 16

at

LOYOLA UNIVERSITY SCHOOL OF DENTISTRY

(Chicago College of Dental Surgery)

1757 West Harrison St., Chicago

and

THE STAG BANQUET

APRIL 16

at

The Congress Hotel

NEWS OF THE BRANCHES

Kenwood-Hyde Park

At the Sherry, March 6th pre-meeting rendezvous I had the initial pleasure of meeting Rudolph Friedrich, who later gave a most stimulating analysis of what problems we, as dentists, are facing today and in the near future. His thought-provoking presentation had us spellbound and left many of us with seeds of action. With Dr. Friedrich was general consular of the A.D.A., Bernard Beazley. Our handshake was responsible for upsetting Graham Davies' drink right after someone else had upset his previous drink. Graham succeeded with his 3rd attempt. Walt Dundon, Bob Wells, Fishers—both Sr. & Jr., and our good friend, Karl Richardson, smiled gleefully at the incident. . . . Jesse Carlton and Bob Kreiner were discussing Otto Mast's recent visit to Chicago: reason, fishing poor at Angola, Indiana. . . . Found Doc Morange in a gay mood talking happily of anticipating a 7th grandchild. . . . Rudy Grieff was complaining about a stubborn cold—an excuse, no doubt, to head for Florida or the like. . . . Also met Ed Kozak, a very nice prospective Kenwood-Hyde Park member who has taken over the practice of Doc Haynes. . . . With him was Dr. Schaaf, another young colleague who has continued with the practice of the late Jerry Murphy. Lots of luck to both of you. . . . After a pleasant dinner, Graham called the meeting to order. It was moved by Ascher Jacobs that the family of Walter Hollander receive a letter of sympathy. The loss of such a fine young colleague is especially sad. We also extend our sympathy to Vic Wittert on the loss of his father. . . . A brighter note was expressed by our Director, Jesse Carlton, on the success of the Midwinter Meeting. . . . Golf Chairman Tashiro's description of the June 4th outing at Cherry Hills which includes perfect weather and a New York cut

steak to boot was particularly inviting. . . . Willard Johnson warns us to make our reservation early for that State Springfield Meeting, May 12, 13 and 14th. I'll be there. Will you? Friends of Loyola will welcome the following information pertaining to Homecoming April 14-16th. All Monday, Tuesday and Wednesday mornings will be essays and table clinics with a television demonstration by members of the faculty on Tuesday. Class reunions and a cocktail hour will be held late Wednesday and in the evening there will be a gala 75th Anniversary Banquet in the Glass Hat Room of the Congress. Damages—8 bucks. . . . In just about 4 short weeks on Tuesday, May 6th, plan on a sparkling evening of great entertainment, dining and dancing. We were fortunate to obtain outstanding entertainers who have just finished an engagement at the Black Orchid. Take your lady to Ladies' Nite—a treat that will be long remembered. Get your parties together so that you can sit with your particular friends. For Ladies' Nite reservations and party table arrangements, call Bob Kreiner at RE 4-2233 or Henry Leib at MI 3-9607. Members should feel free to invite their friends. Happy Ladies' Nite to you!—*Henry H. Leib, Branch Correspondent.*

South Suburban

Things are really bustin' out all over here in South Suburban. One of the innovations up for consideration is the election of a president-elect in addition to the other officers we usually have. Contemplating additional membership and expanded activities on the part of the group, it was thought wise to have such an office to assist in smooth operation of any undertakings initiated by the powers-that-be. The following are the men suggested by the Nominating Com-

mittee headed by Chas. Cosgrove: President, J. Garofalo; President-elect, Henry Cubbon; Vice-president, Jack Amram; Treasurer, L. C. Holt and Secretary, Chas. Cibock. The election of officers will take place at our April meeting along with a vote as to whether or not to include the office of president-elect. . . . Neil Kingston was recently notified that he was selected as councilman from the Chicago area. Incidentally, be sure to ask him to show you some of the interesting correspondence he has been receiving from P. P. . . . Clarence Folkers is going to kill two birds with one stone. On his way to Florida he is to stop off in Atlanta to attend the meeting there. . . . James Daly is still in there pitching, just got the announcement he is expecting No. 5. Also in this department we are proud to announce the inclusion of Laurie Robin Wallach to our rapidly expanding group—Howdy, Miss! . . . Among the new arrivals in a more adult category, we have Jack Gilroy who is now ensconced in his new office at 107th and Western and Thomas Case located out in the new Olympia Terrace Plaza. . . . I would like to take this opportunity to apologize publicly of an oversight on my part. In reporting the presence of South Suburbanites at the Miami ADA meeting, I failed to include Mike Hughes who has not missed attending one of these affairs in the past twenty some odd years. . . . Harry Lees made a preliminary announcement of the husband-and-wife dinner to be held some time in May. . . . Got a very nice note from Frank Farrell to remind all of you that the Loyola Homecoming, to be held April 14th thru 16th, in addition to featuring a wonderful program of current topics will also celebrate the diamond jubilee. Be sure to plan on attending. There is no registration fee for any part of the clinic program and banquet tickets for the gala 75th Anniversary Banquet can be had from Dr. Alfred Harris at the University for \$8.00 per copy. . . . It is funny that whenever I pick up any news from Home-wood, I usually have something to report on both Riegel and Rogel. At this time the news is partly good and partly

not so good. First the good, the Rogels are expecting in the latter part of March or the early part of April. We are sorry to learn that Riegel is very ill and it might be a good idea to cheer him up with a few "get well" cards. . . . We are sorry indeed to learn of the loss of one of the oldest members of our group. Wm. Sigtenhorst passed away on March 3. Our deepest sympathies to all the members of his family. . . . On April 1st, and this ain't no foolin', we'll have a change of pace in our meeting. Our hard-working program chairman, Dan Altier, secured for us two color-and-sound movies—the first by Dr. Nathan Allan Shore on the subject of "Occlusal Equilibration," and the second, put out by Iowa State Dental School on "Root Recovery" showing step-by-step procedures and complete instrumentation. . . . Last but not least, a few words on the wonderful turnout for the Workshop of over 30 men and the most gratifying comments on the whole deal. Will try to get more in the next issue. That's all for now.—H. C. Gornstein, Branch Correspondent.

West Suburban

Clinic night and the election are now history, but for one evening our branch sure did have a lot of fireworks. The new look at the Oak Park Club was just not enough to off-set the poor service. How about it? Since it is the American way we are happy that the best man won and we are all pledged to give Ed our best support. The fine way that the campaign was handled on both sides is worthy of praise. . . . For the crown and bridge men of the branch, the April 8th meeting at the Riverside Country Club will be a real night to remember. John F. Johnston, professor and chairman, Crown and Bridge and Partial Department at Indiana Dental College, will speak on the subject: "The Application and Construction of the Pin Ledge Retainer." This will be the last meeting of the year and we should all be out to wind up the year with a bang. . . . Loyola will hold its

(Continued on page 23)

April Meeting to Stress Auxiliary Help

The April fifteenth meeting of the Chicago Dental Society utilizes the format that was so successful and so popular during the recent Midwinter Meeting when it presents a study of the uses of auxiliary help in the dental office through a panel discussion. The seven panels at the Midwinter Meeting were all well-attended and one had to be moved to the Eighth Street Theatre to accommodate the crowd.

Dr. Walter E. Kelly, Chairman of the Monthly Program Committee has titled the panel, "Your Practice, Your Auxiliaries and You." It will present the various concepts of good practice administration as illustrated by the proper relationships that must exist between the practicing dentist and his auxiliary personnel.

Moderator of the panel will be Dr. Shailer Peterson, Secretary of the Council on Dental Education of the American Dental Association. The first panelist will be Dr. Joseph T. Brophy of Forest Park, member of the Illinois State Dental Society's Dental Prosthetic Service Committee who will speak briefly on the responsibilities of the dentist as he works with his auxiliary personnel and what he expects of them.

The second panelist will be Mr. Harry J. Schrimpf of Fargo, North Dakota, Vice-president of the National Association of Dental Laboratories. Mr. Schrimpf will talk about the responsibilities of the dental laboratory technician and the laboratory owner as he works with the dentist and what he expects of the profession.

The third panelist will be Miss Elizabeth Linn, Director of the Dental Hygienists Program and Director of the Dental Assisting Program at the Marquette University Dental School in

Milwaukee. Miss Linn will speak briefly on the responsibilities of the dental assistant and of the dental hygienist as she works with the dentist and what she expects of the profession.

Dr. Peterson will interweave his comments through this part of the panel to demonstrate the plan and philosophy of organized dentistry as it provides educational programs and certification programs for the auxiliary dental personnel.

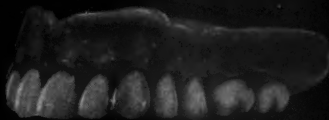
The fourth paper on the panel will be presented by Dr. Rudolph H. Friedrich, Secretary of the Council on Dental Health of the American Dental Association, showing the plan and philosophy of organized dentistry as it provides guidance and policy for dental practice plans.

Each of these papers will be short and designed primarily to define the area of the evening's discussion assigned to each of the panelists. A general discussion by all the panelists will follow in a frank study of how best these auxiliaries can be utilized in a general dental practice to the advantage of the dentist, the auxiliaries and the patient. The underlying feeling of the panel will be that good sound relations must exist between the profession and its auxiliaries. The panel will avoid overmuch discussion of these relationships in the more elaborate dental practice plans as the discussion is being designed for the average individual in the audience. It is also to be understood that a panel of this type, lasting less than two hours, cannot provide all the answers to the many questions that exist in the dentist/auxiliary relationship. It is hoped in this regard that major problems can be pinpointed for further, more specialized attention at later meetings.

Dental laboratory owners and technicians, dental hygienists and dental assistants are cordially invited to attend this panel presentation.

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DENTAL TRAINEE—Bright 21-year-old who has completed a commercial Dental course. Prior to this she held a general office position where she handled the typing, reception desk and telephones. She is anxious to secure a Dental position where she can now learn the practical aspect of this field. A position with a good potential rather than a high starting salary is what this girl has requested. For information on this applicant and many others, call **GARLAND MEDICAL PLACEMENT**, 25 E. Washington St., ANDover 3-0145.

DENTAL ASSISTANT—2 years of college plus 4 years in a Dental office where she assisted at the chair, developed x-rays, handled appointments, billings, and light laboratory procedures. This nice appearing, pleasant 28-year-old has excellent references from her previous employer. Slow, accurate Typist. To arrange a prompt interview, call **GARLAND MEDICAL PLACEMENT**, ANDover 3-0145, 25 E. Washington St.

DENTAL ASSISTANT, age 23, desires position—South Side office preferred. Graduate of Wayne School. Telephone TRiangle 3-2284.

DENTAL ASSISTANT—24-year-old. Has had 2½ years experience as dental assistant. Her duties have included chairside assisting; taking, developing and mounting of x-rays, plus some laboratory work. Recent graduate of Wayne School. References, appearance, and personality are above the average. Please write: Miss Lillian Marciniak, 4709 W. Ohio St., Chicago, Ill.

OPPORTUNITIES

Associate wanted for general practice in dentistry in Chicago suburb. Full time schedule immediately. \$1,000 to \$1,500 per month. Address F-1, The Fortnightly Review of the Chicago Dental Society.

Retiring. Furnished 2-chair office. Appointments in the book. Rent or buy. South Suburb. GArden 2-7600.

NEWS OF THE BRANCHES

(Continued from page 14)

Diamond Jubilee Homecoming on the 14th, 15th, and 16th of April. Monday the 14th a full program will be available with essays, table clinics, and a friendship hour for the alumni. Essays and a TV demonstration on Tuesday; on Wed. a.m. will be essays, at noon will be a business meeting, and the afternoon will have faculty table clinics. Class reunions will be held late Wed. p.m. at the Congress Hotel followed by the 75th Anniversary Banquet (stag) in the Glass Hat Room. The clinic program is on the house, but \$8.00 will be the tab for the Banquet, please call Alfred Harris at Loyola for tickets. . . . We see that the Cicero area has a chance to give girls a two-year course in dental assisting at Morton Junior College. . . . The Far West Study Club had a fine meeting at Louis' on March 27th when Edward F. Thompson and Carl Ogren gave the boys a program that covered investments and stocks. . . . On March 12th at the Oak Park Arms, the Sanders Dental Research Club accepted with regret the resignation of Jack Opdahl from the group. As a charter member Jack was for years the sparkplug of many of the club activities and more than a little credit is due him for his hard work on behalf of membership. Jack will be an inactive member with the right to rejoin the group at any time that he so indicates. . . . John Harris, Loyola 1955, has an office in Medinah after completing

..For DENTAL GOLDS

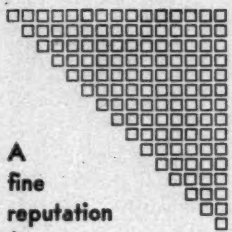
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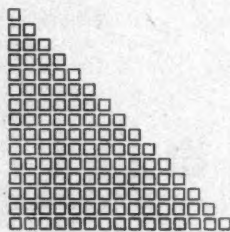


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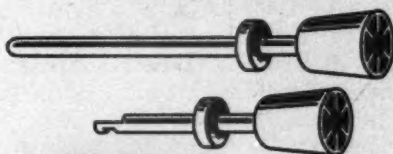
his service tour. . . . T. J. Lenart has a son in the family, a future dentist born Feb. 2nd. We all say "hi" to Mike. . . . Bill Burch in Elmhurst has a new assistant and we hope that they will mold into a fine team. . . . Frank Salem and Joe McCormack were listed among the missing at the March meeting, they just ducked in for the meal and went to the south side meeting. Traitors! . . . "Livingston" Lenart and "Stanley" Mulacek are making plans for an African safari, big game hunt to you. They say that they should be beating the bush in a few months. It will be a perfect tranquilizer to have a snarling lion's head in the reception room. . . . Paul Kilgore is sporting red suede shoes, red plaid socks and, rumor has it, red shorts to match. . . . Ed Budill celebrated his birthday on Clinic night, sorry no candles on the pie. . . . Easter vacation will see Fred Plankeel down in sunny Florida. . . . Ed Forrest, the Assistant Dean of Illinois, was present at the Clinic night meeting. . . . John O'Connell and Jim Madison with their wives will be guests at the Tropicana in Las Vegas while the boys take in the Western Society of Periodontia meeting, and there will be table clinics too. . . . Paul Swanson has a new Chev and we all were sure he was an Olds man for life. Walter Wicklund says that the Chev should be a Volks. Walter is feeling the return of youth after his skiing success at Aspen, Colorado this winter. . . . Fred Macaluso has been honored by having Father John Bocella of the Vatican as a patient. Fred says that Father John is very closely associated with the Pope and was instrumental in getting Fred a private audience when he was at the Rome meeting.—*John W. Silberhorn, Branch Correspondent.*

North Side

Flash . . . Hank Parkin took off with his family for the Wagon Wheel—March 14-18. . . . The North Side Branch Nominating Committee has proposed the following men for office: Art Duxler,

Downtown Director; Francis Hanagan, President; Henry Parkin, Vice-president; Herb Krummel, Treasurer; Stan Goldberg, Secretary; Wm. B. d'Autremont, Librarian; Jules Barrash, North Side Director; "Jiggs" Shapiro, Correspondent. . . . The branch meeting, election and installation of officers is to be held Tuesday evening, April 22. This will be another vigorous north side event. Program chairmen Kadens and Unterman have advised me that the following outstanding leaders in American dentistry will be present. Dr. Walter Dundon, President of Chicago Dental Society, will install the new north side officers. Dean Teuscher, President-elect of the Chicago Dental Society, will speak on what the future holds for organized dentistry this coming year. Mr. Moen, Director of Economic Research and the Statistics Bureau of the A.D.A., will speak on motivation studies in dentistry. Mr. B. Conway, Secretary of the Judicial and Legislative councils of the A.D.A., will speak on retirement plans for dentists. . . . Art Duxler and his fellow officers directed the affairs of the north side to splendid accomplishments. One that comes to mind is the award of \$300 to each of three students with excellent scholarship from our three Chicago dental colleges. It is planned to have these three students as guests at our April 22 meeting. . . . Art Duxler along with Herb Gustavson are spearheading an unusual program for the Chicago Boys Club. A letter is forthcoming from Art to all north side dentists urging their support. Herb Gustavson, as chairman of the Uptown division of the Chicago Boys Club, is organizing a 6-chair dental clinic in the soon-to-be-constructed \$1,000,000 Boys Club building at Sheridan and Carmen. This clinic is to care for the dental problems of indigent children. According to Herb the clinic is to be staffed by Northwestern University dental faculty and senior dental students. . . . The Uptown Dental Forum recently installed the following officers: Carl Sudakoff, President; Max Chubin, Program Chairman, and Sheldon Bulwa, Treasurer-Secretary. The installation was held at the Chez Paree,

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March 14. Forty-five couples were in attendance. Walter Goldsmith served as the worthy chairman of this happy event. It was also the time and place where Phil and Mrs. Lubar joined the group and celebrated their 24th wedding anniversary. . . . Martin D. Unterman, chairman of the Dental division of the Combined Jewish Appeal, has planned as part of his drive a brilliant clinic day May 7 at the Covenant Club. All dentists are invited. A testimonial dinner for Dr. Louis Alexander Cohn of N. Y. City will be held. Dr. Cohn is to be honored by this group as their selection for outstanding dentist of the year. Maurie Falstein has given considerable aid to the drive by acting as dinner chairman. . . . The Uptown Dental Forum Upjohn trip to Kalamazoo has been sold out two months in advance. Dr. Stan Buckner has been the worthy chairman of this group. . . . Frank Farrell, general chairman for the Loyola University School of Dentistry Diamond Jubilee, requests that we remind all north side members of this event beginning April 14 and running for three days. . . . Alvie Altman, Herb Gordon, Aubrey Lauterstein, Herb Lippitz, Tony Malone, Sam Pruzansky, Harold Rabin, Joe Stillerman, B. and R. Swoiskin are readying themselves for a serious group study of cephalometrics as a tool to be used in all branches of dentistry. . . . Ted Siegel is pleased as punch with his son Allan. Allan is graduating with high scholastic honors from Senn high school and was recently elected president of his National Honor Society. . . . Clarence

Peterson was given a surprise 65th birthday party at the Swedish Club. About 15 close personal friends and relatives were in attendance. His two sons, Pat and Bob, are dividing time between their Chicago office and their new Old Orchard office.—*Aubrey M. Lauterstein, Assistant Branch Correspondent.*

West Side

Loyola University School of Dentistry (Chicago College of Dental Surgery) thru Dr. Frank Farrell, general chairman, and Dr. Frank Amaturro, President of the Alumni Association, has announced its preliminary program for a three-day Diamond Jubilee homecoming to be held April 14th, 15th, and 16th. The three-day program will be a fully interesting one with essays, television demonstrations, table clinics, class reunions and a gala celebration to conclude the affair in the Glass Hat room of the Congress Hotel. There will be no admission or registration fee for any part of the clinic program. Banquet tickets are \$8.00 and should be secured from Dr. A. Harris, Loyola University School of Dentistry, 1757 West Harrison Street, Chicago 12, Ill. . . . Carl Madda, chairman of the 2nd Annual Component Officers Conference, urges immediate reservations for the Conference to assure accommodations at the Pere Marquette Hotel, Peoria, Illinois, for April 2nd and 3rd. . . . Our branch meeting was very interesting with Dr. Wilbert G. Gordon's presenta-



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tion of "High Speeds in Dentistry." New Apparatus was discussed and the branch was given an impartial picture of the situation as it is at the present time. . . . The new slate of branch officers was accepted without contest and they are—President, Andrew J. Kelleher; Vice-president, Walter Zipprich; Secretary, Michael Arra; Treasurer, Lou Holzman and Librarian, George Walls. . . . Sam Kleiman has been prevailed upon by his many friends to run for County Commissioner. Reluctantly, principally for his well-being, Sam acceded to the demands placed upon him and has tossed his hat into the political ring. He asks for the support of the members of the Dental Society and their many friends. According to Sam, many benefits can be reaped by having some dentists close to the political scene. All the members that were present at our past meeting back Sam and seem to think that others will also. . . . Our congratulations to Bob Tuck on his nomination in the Chicago Dental Society as Treasurer. . . . The same to Fred Bazola for his nomination as delegate. . . . See you again.—*Andrew J. Kelleher, Branch Correspondent.*

North Suburban

The North Suburban Branch will hold its final dinner meeting for the year at the Georgian Hotel on April 8th. Following the election of officers, President-elect George Carey will take over the reins from Ed Sullivan. Ed and his officers and committees are to be compli-

mented for their fine programs this past year. The re-establishment of a social hour has brought dinner attendance to an all-time high. 129 were present for the March meeting to hear Gunnar Ryge, Professor of Dental Materials and Chairman of the department at Marquette University, discuss the relative merits of the elastic impression materials. For our final program, Jim Lynch will present Dr. Ross Waltzer of Tulsa, Oklahoma. Dr. Waltzer has cliniced extensively both in this country and in Mexico on the subject of periodontia. His clinics are always highlighted by his keen wit, and you can expect an entertaining as well as informative evening. . . . We were saddened by the news of Henry Conley's illness. Henry is seriously ill with a heart condition that has plagued him since early childhood, and is at Columbus Memorial Hospital, 2520 North Lakeview. Henry has given up his practice to F. K. Slack who was formerly associated with Chuck McArthur in Winnetka. Although he is not seeing visitors, we are sure he would welcome a note from his many friends. . . . We are happy to welcome Dick Swoiskin who has recently established a practice in orthodontia at Old Orchard. Dick received his M.S. at Northwestern this past December, and is a graduate of Loyola. . . . Sayre Hexton has announced the birth of a daughter, and from our own experience, we believe them a welcome addition to any family. If you are looking for a baby sitter, Sayre, you might try Hal Chason. Hal is going out to California to see his

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new grandson, and will be taking a practical course in sitting while his daughter and her husband vacation in Palm Springs. . . . Orville Larsen plans to spend Easter with his daughter and her family in Detroit. Ol' Larsen will play Easter Bunny to his grandson in spite of the lack of "hare." . . . Loyola alumni in the area will be celebrating a three-day diamond jubilee homecoming at the dental school, beginning April 14th. There will be television demonstrations, clinics, and essays presented by the faculty, and a final stag banquet at the Congress on Wednesday evening. . . . Don't forget the dinner meeting, Tuesday, April 8th. By special request, Ed Sullivan will tell us what happened to the gold.—R. G. Fischl, *Branch Correspondent*.

Northwest Side

You may not have viewed the first robin; you may not have spotted the new blades of grass; you may not have yet swallowed the prescribed sulphur and molasses but you certainly have heard of the Ladies' Night & Installation of Officers. So there is no doubt that Spring is here. This party is a happy combination of old associations and exciting new atmosphere, old faces and new faces. The place is Kungsholm Restaurant, on May 7, cocktails from 5 to 6. Reservations are limited to 80 persons. Heed the words of the old Chinese proverb that says, "A journey of 10,000 miles begins with a simple step." Take the first now. Call

Chairman Iver Oveson, Be 5-2862, for reservations. . . . The meeting of March 4 was held at Stella's Restaurant. The speaker was Dr. W. George F. Schmidt and his subject was "Disharmonies of Occlusion." A rather difficult assignment which Dr. Schmidt fulfilled in a smooth-running narrative as a teacher and a dentist. We discovered that a talk on Occlusion need not be dry, stuffy or deadened with long conversational oratory, in spite of a defective projector which curtailed the presentation. Dr. Schmidt concluded his lecture amid a thunder of applause. . . . The annual election of Branch officers will be held at the April meeting. Here is the presentation of the Nominating Committee: President, A. Altern; President-elect, T. Weclaw; Vice-president, T. Serr; Secretary, M. Kaminski; Treasurer, J. Applebaum; C.D.S. Director, J. Ulis; Branch Director, V. Sorensen. . . . M. I. Schwartz has undergone a minor surgery on his nose. . . . J. J. Applebaum, the energetic sponsor of the Budget Plan of the Chicago Dental Society, became President of the Academy of General Dentistry for the Chicago area. . . . The town of Chickasha, Oklahoma, increased its population by one, recently. So Grandpa Barney Pawlowski is headed for the aforementioned town to greet his new and 4th granddaughter. There's no rule against grandfathers passing around seegars, Barney. . . . Birthday Greetings to Joe Ulis. Gosh, how fast that 39th birthday rolled around, eh, Joe? . . . Last December Ed Zak, a pioneer of the Branch, attended his first meeting in years. So for the March meeting he brought along another old timer in the person of Joe Gillmeister. The last I saw of them, they were still toasting each other in the bar room. Come oftener, you two. The bar is open till 2 a.m. . . . A 3-day Diamond Jubilee Homecoming of Loyola University School of Dentistry (Chicago College of Dental Surgery) will be held April 14, 15th and 16th at the College. All alumni and members are invited. . . . It was a pleasure to pinch-hit for you, Jim.—John M. Gates, *Temporary Branch Correspondent*.

NEWS AND ANNOUNCEMENTS

(Continued from page 7)

dontics." He will discuss his methods of case presentation stressing his techniques for achieving complete patient understanding and establishing habit patterns in the patient leading to adequate home care routines. Dr. Waltzer will evaluate the conservative treatments, the factors involved in occlusal relationships and discuss the surgical approach. He will also comment on various technical procedures of value in periodontics.

Dinner at the Georgian Hotel will precede the lecture.

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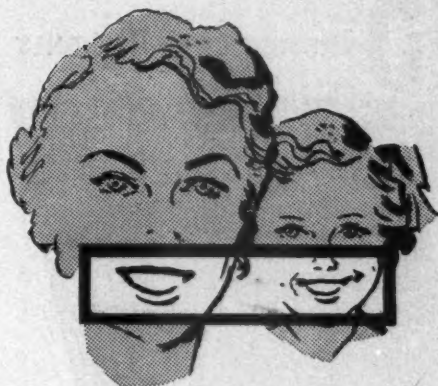
Did you know that there are some \$500,000 in notes outstanding on accounts which are being financed through the Dental Budget Plan of the Chicago Dental Society in cooperation with the First National Bank of Chicago? Are you a participating member? You can be, by filling out the necessary forms which are available at the Society's Central office. In these days of reduced pay checks it may be a means of continuing a steady flow of income for you by pointing out to those people who usually pay cash that for a nominal fee they can have their dental work on an extended payment plan, provided they qualify as worthy credit risks. This may be one answer to the present adjustment period through which we are passing.

Look into the Dental Budget Plan. It may be "just what the doctor ordered."
—E.M.E.

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There have been numerous questions come to the Society office regarding listings in the directory of the Directory Publishing Co., 220 S. State St., for which a fee is charged.

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If you have inadvertently allowed any directory insertion order to be sent to this publisher or agreed to verbally, it should be countermanded at once as publication will result in immediate action by the Ethics Committee.

NORTH SUBURBAN BRANCH OFFICERS FOR 1958-1959

The following men will be at the helm for the North Suburban Branch during 1958-1959: President, George L. Carey; President-elect, Charles L. McArthur; Vice-president, Paul B. Bass; Secretary, I. Milton Dawson and Treasurer, Charles H. Shaner. Edward J. Sullivan is the new member of the Branch Board of Directors and O. E. Scott continues as North Suburban representative on the Chicago Dental Society Board of Directors.

HELP! HELP! WRITE YOUR LEGISLATORS!

Your help is urgently needed. Write your Representative and Senator urging their support for the inclusion of \$3,700,000 in the budget for the coming fiscal year, beginning, July 1, for a National Institute of Dental Research building. Stress these facts:

1. Present physical facilities are inadequate, hampering dental research work.
2. Because of inadequate or unsatisfactory working conditions, the services of a number of very skilled researchers have been lost.
3. The substantial supplemental financial support of the American Dental Association is curtailed in its usefulness because space available is not great enough to do the utmost in giving real health protection.
4. If the building could be completed or at least underway by 1959 it would be a fitting monument to the 100 years of service to the American public by organized dentistry. It would be a wonderful way to say "well done" to American dentistry and a fine beginning of another century of service to the dental health of all America.

Write at once. Do your share. American health will be better for it.—E.M.E.

CHICAGO ACADEMY OF DENTAL PSYCHOSOMATICS

The next meeting of the Chicago Academy of Dental Psychosomatics will be held at the Conrad Hilton Hotel on April 11th at 7:30 p.m. Dr. Thomas Barber, of the University of Illinois Pedodontia Department, will speak on "Personality Qualities in the Patient and the Dentist." The Academy will also present the first part of a two-part movie program, "Just Plain Speaking," produced by the late Dr. Irving Lee of the University of Chicago.

Members of the Chicago Dental Society and their guests are cordially invited to attend this meeting.—Bernard S. Margolis, Secretary.

FLUORINE

(Continued from page 11)

in water but, just as the toothpaste problem stands, there is not enough evidence to back this up. More research is needed on this subject before it can serve as well as fluoridated water.¹⁷

Dr. J. E. McKee says that there is another new way of checking tooth decay and that is by the introduction of fluorine into milk. He says that fluorine added to milk instead of to water is the best and cheapest way of helping to reduce the rate of tooth decay.

The addition should be of sodium fluoride in the correct amount of one part of fluorine to one million parts of water or milk as the case may be. According to Dr. McKee this addition should not raise the price of the milk. This method was only tried by this man and he only suggested that it be tried on a large scale and tested to make sure that it would be a good substitute for fluoridated water.¹⁸

Now the question arises of whether we should or should not fluoridate our water supplies.

Here are some of the reasons why we should fluoridate our water. As it has been stated previously, fluoridated water has been proven to help in the prevention of dental caries so this would be the major reason why we should have fluoridation. Another reason is that we retain the benefits of fluoridation throughout our entire lives and the cost of it is small compared to the benefits. The cost of the fluoridating water ~~are not anymore com.~~ is about \$15,000 and for a city of over 2,500,000 people it costs approximately 4-14c per person. The mechanics of fluoridating water are not anymore complicated than the water purifying systems we already employ.¹⁹ Fluoridation is

¹⁷"Fluoride in Salt," *Science Digest*, 38 (Aug. 1955) p. 48.

¹⁸J. E. McKee, "New Way to Check Tooth Decay," *Science Digest*, 32 (Oct. 1952) p. 23-5.

¹⁹"Fluoridation of Public Water Supplies," *American Journal of Public Health*, 42 (March 1952) p. 339.

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really a step forward in progress and not a step backward as some people believe. To not fluoridate water would be to stop progress in dentistry and progress must never be stopped.

The opposition to fluoridation usually stems from food faddists, cultists, chiropractors or misinformed people who are ignorant of scientific facts or progress. One opposition speaker in the West, said he was a research chemist and saw fluoridation as a Communist plot to sabotage our country, he was actually an escaped inmate from an Illinois mental institution. In Connecticut, a woman opposed to fluoridation who calls herself a "research scientist" trained at Harvard and Columbia was discredited by the authorities of both universities. She is, in fact, a person who has been charged by the police with impersonation. These are but a few of the opponents of water fluoridation whose background in no way qualifies them to evaluate a scientific question. The opposition to fluoridation cannot match the evidence given in the scientific studies which definitely show the safety and effectiveness of water fluoridation.²⁰

I believe that fluoridation should be accepted just as vaccination, pasteurization of milk, or chlorination of water is for it will surely benefit us in the end just as these other safety measures have. Now I would like to quote the *Journal of Public Health* on its viewpoint which I think sums up the whole idea behind fluoridation.

"The artificial fluoridation of drinking water, however, is not a cure all; it will not protect children completely from dental decay, but it is a tremendous step forward in the profession's fight against dental disease, and it will stimulate further investigation which will lead to a more complete solution of the caries problem."²¹

²⁰Herman Hilleboe, "History of the Newburgh-Kingston Study," *Journal of the American Dental Association*, 52 (March 1956) p. 294.

²¹"Battle for Sound Teeth," *American Journal of Public Health*, 42 (Jan. 1952) p. 47.

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APPLICANTS

- BITTMAN, ANTHONY J. (Loyola 1955) West Suburban, 600 Hillgrove Ave., Western Springs. Endorsed by Robert E. Brewer and Joseph L. Parsons.
- FRIDUSS, ARTHUR J. (Illinois 1956) Service, Cannon AFB, Clovis, N. M. Endorsed by George J. Casserly and Chester R. Rywniak.
- RIEDEL, ROLLAND K. (Northwestern 1953) South Suburban, 18227 Harwood Ave., Homewood. Endorsed by Francis H. Wright and James T. Daly.
- SAMARAS, MATHEW P. (Illinois 1955) North Suburban, 503 Talcott, Park Ridge. Endorsed by LaMar W. Harris and Thomas J. Scanlan.

